

Table 15. Employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, and race/ethnicity: 2001

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Employment sector/field of doctorate	Total	White ¹	Black	Asian/Pacific Islander	Hispanic	American Indian/Alaskan Native
[Number]						
All sectors.....	574,890	455,220	15,050	87,770	15,020	1,840
Sciences.....	475,300	391,040	13,230	56,370	13,010	1,650
Computer and information sciences.....	10,780	7,000	220	3,280	260	S
Mathematical sciences.....	25,960	20,060	440	4,710	720	S
Biological and agricultural sciences.....	140,790	114,590	2,880	19,360	3,610	350
Health sciences.....	21,390	17,390	1,100	2,140	650	110
Physical and related sciences.....	111,330	88,530	1,650	18,440	2,400	320
Social sciences.....	76,170	63,430	3,550	6,270	2,500	420
Psychology.....	88,890	80,050	3,380	2,170	2,860	420
Engineering.....	99,580	64,170	1,820	31,400	2,010	180
Universities and 4-year colleges.....	245,060	200,660	8,000	27,720	7,830	840
Sciences.....	217,940	180,050	7,250	22,830	7,050	760
Computer and information sciences.....	3,760	2,680	100	880	90	S
Mathematical sciences.....	14,980	12,160	310	1,990	510	S
Biological and agricultural sciences.....	72,850	58,760	1,530	10,210	2,210	130
Health sciences.....	11,790	9,780	680	850	420	70
Physical and related sciences.....	37,140	30,900	710	4,410	950	170
Social sciences.....	47,240	39,300	2,350	3,590	1,720	280
Psychology.....	30,190	26,480	1,570	900	1,150	90
Engineering.....	27,110	20,610	750	4,890	780	80
Other educational institutions.....	17,980	15,250	1,030	1,020	600	90
Sciences.....	17,350	14,760	1,020	890	590	90
Computer and information sciences.....	110	70	S	S	S	S
Mathematical sciences.....	660	490	S	140	S	S
Biological and agricultural sciences.....	4,320	3,790	170	260	90	S
Health sciences.....	620	540	S	S	S	S
Physical and related sciences.....	3,660	3,160	170	200	120	S
Social sciences.....	2,530	2,130	230	110	60	S
Psychology.....	5,450	4,580	370	170	280	S
Engineering.....	620	490	S	130	S	S
Private-for-profit.....	196,940	140,210	3,440	48,950	3,890	440
Sciences.....	137,980	107,270	2,510	24,920	2,910	380
Computer and information sciences.....	6,060	3,550	90	2,260	160	S
Mathematical sciences.....	7,520	5,200	80	2,100	140	S
Biological and agricultural sciences.....	38,190	30,690	670	5,800	890	140
Health sciences.....	4,800	3,500	200	970	110	S
Physical and related sciences.....	52,080	38,570	630	11,940	860	80
Social sciences.....	9,770	7,830	240	1,380	270	S
Psychology.....	19,570	17,930	610	460	480	90
Engineering.....	58,950	32,940	940	24,030	990	60
Self-employed.....	30,420	28,000	420	1,300	600	90
Sciences.....	27,890	25,720	410	1,080	600	80
Computer and information sciences.....	210	200	S	S	S	S
Mathematical sciences.....	630	520	S	110	S	S
Biological and agricultural sciences.....	4,160	3,480	60	460	140	S
Health sciences.....	880	830	S	S	S	S
Physical and related sciences.....	2,880	2,530	S	270	60	S
Social sciences.....	3,010	2,820	S	70	80	S
Psychology.....	16,130	15,340	270	150	310	60
Engineering.....	2,540	2,280	S	230	S	S

See explanatory information and SOURCE at end of table.

Table 15. Employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, and race/ethnicity: 2001

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Employment sector/field of doctorate	Total	White ¹	Black	Asian/Pacific Islander	Hispanic	American Indian/Alaskan Native
[Number]						
Private not-for-profit.....	28,430	24,430	530	2,690	650	130
Sciences.....	25,660	22,370	500	2,100	560	120
Computer and information sciences.....	210	120	S	80	S	S
Mathematical sciences.....	630	560	S	50	S	S
Biological and agricultural sciences.....	6,470	5,530	S	810	80	S
Health sciences.....	1,440	1,230	80	100	S	S
Physical and related sciences.....	4,040	3,580	S	410	S	S
Social sciences.....	4,270	3,630	220	340	50	S
Psychology.....	8,600	7,710	140	310	360	80
Engineering.....	2,770	2,060	S	580	90	S
Federal Government.....	38,050	31,950	970	4,180	810	130
Sciences.....	31,860	27,070	920	3,080	680	120
Computer and information sciences.....	310	300	S	S	S	S
Mathematical sciences.....	1,250	1,000	S	180	50	S
Biological and agricultural sciences.....	11,530	9,580	340	1,450	130	S
Health sciences.....	1,300	1,090	S	110	S	S
Physical and related sciences.....	9,190	7,920	120	870	240	S
Social sciences.....	5,300	4,470	300	420	100	S
Psychology.....	3,000	2,710	110	S	110	S
Engineering.....	6,190	4,890	50	1,110	130	S
State and local government.....	16,580	13,750	620	1,680	440	90
Sciences.....	15,290	12,870	580	1,330	420	90
Computer and information sciences.....	120	80	S	S	S	S
Mathematical sciences.....	290	130	S	130	S	S
Biological and agricultural sciences.....	3,210	2,730	60	360	S	S
Health sciences.....	510	380	S	80	S	S
Physical and related sciences.....	2,270	1,820	S	300	140	S
Social sciences.....	2,940	2,430	160	260	50	50
Psychology.....	5,950	5,300	300	160	180	S
Engineering.....	1,290	870	S	350	S	S
Other sector.....	1,430	960	S	230	200	S
Sciences.....	1,320	930	S	150	200	S
Computer and information sciences.....	S	S	S	S	S	S
Mathematical sciences.....	S	S	S	S	S	S
Biological and agricultural sciences.....	70	S	S	S	S	S
Health sciences.....	S	S	S	S	S	S
Physical and related sciences.....	80	S	S	S	S	S
Social sciences.....	1,120	820	S	100	150	S
Psychology.....	S	S	S	S	S	S
Engineering.....	110	S	S	80	S	S

See explanatory information and SOURCE at end of table.

Table 15. Employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, and race/ethnicity: 2001

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Employment sector/field of doctorate	Total	White ¹	Black	Asian/Pacific Islander	Hispanic	American Indian/Alaskan Native
[Percent]						
All sectors.....	100.0	79.2	2.6	15.3	2.6	0.3
Sciences.....	100.0	82.3	2.8	11.9	2.7	0.3
Computer and information sciences.....	100.0	65.0	2.0	30.5	2.4	S
Mathematical sciences.....	100.0	77.3	1.7	18.2	2.8	S
Biological and agricultural sciences.....	100.0	81.4	2.0	13.7	2.6	0.2
Health sciences.....	100.0	81.3	5.2	10.0	3.0	0.5
Physical and related sciences.....	100.0	79.5	1.5	16.6	2.2	0.3
Social sciences.....	100.0	83.3	4.7	8.2	3.3	0.5
Psychology.....	100.0	90.1	3.8	2.4	3.2	0.5
Engineering.....	100.0	64.4	1.8	31.5	2.0	0.2
Universities and 4-year colleges.....	100.0	81.9	3.3	11.3	3.2	0.3
Sciences.....	100.0	82.6	3.3	10.5	3.2	0.3
Computer and information sciences.....	100.0	71.2	2.6	23.4	2.5	S
Mathematical sciences.....	100.0	81.2	2.1	13.3	3.4	S
Biological and agricultural sciences.....	100.0	80.7	2.1	14.0	3.0	0.2
Health sciences.....	100.0	83.0	5.7	7.2	3.5	0.6
Physical and related sciences.....	100.0	83.2	1.9	11.9	2.6	0.4
Social sciences.....	100.0	83.2	5.0	7.6	3.6	0.6
Psychology.....	100.0	87.7	5.2	3.0	3.8	0.3
Engineering.....	100.0	76.0	2.8	18.1	2.9	0.3
Other educational institutions.....	100.0	84.8	5.7	5.7	3.3	0.5
Sciences.....	100.0	85.0	5.9	5.1	3.4	0.5
Computer and information sciences.....	100.0	62.5	S	S	S	S
Mathematical sciences.....	100.0	74.9	S	21.9	S	S
Biological and agricultural sciences.....	100.0	87.7	4.0	6.1	2.2	S
Health sciences.....	100.0	86.7	S	S	S	S
Physical and related sciences.....	100.0	86.3	4.5	5.4	3.2	S
Social sciences.....	100.0	84.0	9.0	4.4	2.5	S
Psychology.....	100.0	84.1	6.8	3.1	5.1	S
Engineering.....	100.0	78.6	S	20.2	S	S
Private-for-profit.....	100.0	71.2	1.7	24.9	2.0	0.2
Sciences.....	100.0	77.7	1.8	18.1	2.1	0.3
Computer and information sciences.....	100.0	58.6	1.4	37.3	2.6	S
Mathematical sciences.....	100.0	69.1	1.0	28.0	1.9	S
Biological and agricultural sciences.....	100.0	80.4	1.8	15.2	2.3	0.4
Health sciences.....	100.0	72.9	4.1	20.2	2.2	S
Physical and related sciences.....	100.0	74.1	1.2	22.9	1.7	0.2
Social sciences.....	100.0	80.2	2.5	14.2	2.8	S
Psychology.....	100.0	91.6	3.1	2.4	2.4	0.4
Engineering.....	100.0	55.9	1.6	40.8	1.7	0.1
Self-employed.....	100.0	92.0	1.4	4.3	2.0	0.3
Sciences.....	100.0	92.2	1.5	3.9	2.1	0.3
Computer and information sciences.....	100.0	96.5	S	S	S	S
Mathematical sciences.....	100.0	82.6	S	17.0	S	S
Biological and agricultural sciences.....	100.0	83.8	1.5	11.1	3.3	S
Health sciences.....	100.0	94.1	S	S	S	S
Physical and related sciences.....	100.0	88.0	S	9.4	1.9	S
Social sciences.....	100.0	93.8	S	2.3	2.8	S
Psychology.....	100.0	95.1	1.7	0.9	1.9	0.4
Engineering.....	100.0	89.9	S	9.0	S	S

See explanatory information and SOURCE at end of table.

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Employment sector/field of doctorate	Total	White ¹	Black	Asian/Pacific Islander	Hispanic	American Indian/Alaskan Native
[Percent]						
Private not-for-profit.....	100.0	85.9	1.9	9.4	2.3	0.5
Sciences.....	100.0	87.2	2.0	8.2	2.2	0.5
Computer and information sciences.....	100.0	58.6	S	38.1	S	S
Mathematical sciences.....	100.0	88.3	S	8.5	S	S
Biological and agricultural sciences.....	100.0	85.5	S	12.6	1.2	S
Health sciences.....	100.0	85.3	5.8	7.0	S	S
Physical and related sciences.....	100.0	88.6	S	10.1	S	S
Social sciences.....	100.0	85.1	5.1	8.0	1.3	S
Psychology.....	100.0	89.6	1.7	3.5	4.2	0.9
Engineering.....	100.0	74.4	S	21.0	3.3	S
Federal Government.....	100.0	84.0	2.6	11.0	2.1	0.3
Sciences.....	100.0	84.9	2.9	9.7	2.1	0.4
Computer and information sciences.....	100.0	95.1	S	S	S	S
Mathematical sciences.....	100.0	80.2	S	14.6	4.2	S
Biological and agricultural sciences.....	100.0	83.1	2.9	12.6	1.1	S
Health sciences.....	100.0	84.3	S	8.6	S	S
Physical and related sciences.....	100.0	86.3	1.3	9.4	2.6	S
Social sciences.....	100.0	84.3	5.6	8.0	1.9	S
Psychology.....	100.0	90.4	3.6	S	3.8	S
Engineering.....	100.0	78.9	0.8	17.9	2.1	S
State and local government.....	100.0	82.9	3.8	10.1	2.6	0.6
Sciences.....	100.0	84.2	3.8	8.7	2.7	0.6
Computer and information sciences.....	100.0	70.1	S	S	S	S
Mathematical sciences.....	100.0	43.9	S	45.6	S	S
Biological and agricultural sciences.....	100.0	85.2	1.9	11.3	S	S
Health sciences.....	100.0	74.2	S	16.3	S	S
Physical and related sciences.....	100.0	80.5	S	13.3	6.2	S
Social sciences.....	100.0	82.4	5.3	8.7	1.7	1.8
Psychology.....	100.0	89.0	5.0	2.7	2.9	S
Engineering.....	100.0	67.7	S	27.1	S	S
Other sector.....	100.0	67.3	S	15.9	13.9	S
Sciences.....	100.0	70.6	S	11.1	15.1	S
Computer and information sciences.....	100.0	S	S	S	S	S
Mathematical sciences.....	100.0	S	S	S	S	S
Biological and agricultural sciences.....	100.0	S	S	S	S	S
Health sciences.....	100.0	S	S	S	S	S
Physical and related sciences.....	100.0	S	S	S	S	S
Social sciences.....	100.0	73.7	S	8.8	13.8	S
Psychology.....	100.0	S	S	S	S	S
Engineering.....	100.0	S	S	71.1	S	S

¹'Other' race included with 'white'.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

NOTES: The race/ethnicity data shown are for all doctoral recipients, including temporary residents. Numbers are rounded to nearest ten. Details may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2001 Survey of Doctorate Recipients